

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042821AL\  
 Data File : FC053477.D  
 Signal(s) : FID1A.CH  
 Acq On : 29 Apr 2021 00:17  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
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Integration File: sample.E  
 Quant Time: Apr 29 01:55:14 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 042021.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 21 11:02:12 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.546 | 2627817    | 18.988 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.98%        |
| 12) S 1-chlorooctadecane (S... | 12.988 | 1998668    | 18.467 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.93%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.299  | 2626399    | 22.639 ug/ml  |
| 2) T n-Decane (C10)            | 4.365  | 2694940    | 23.027 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.951  | 2957747    | 22.735 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.386  | 2749699    | 23.042 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.010  | 2992747    | 22.642 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.185  | 2702218    | 22.203 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.787  | 2597530    | 21.587 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.231 | 2589932    | 20.439 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.543 | 2479088    | 19.332 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.155 | 2402722    | 18.709 ug/ml  |
| 13) T n-Docosane (C22)         | 13.742 | 2391741    | 18.558 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.846 | 2382589    | 18.447 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.869 | 2366511    | 18.414 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.820 | 2374447    | 18.334 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.709 | 2389449    | 17.744 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.543 | 2344742    | 17.097 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.328 | 2248115    | 17.227 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.067 | 2175031    | 17.964 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.800 | 2048575    | 19.442 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.702 | 2086272    | 19.926 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042821AL\  
Data File : FC053477.D  
Signal(s) : FID1A.CH  
Acq On : 29 Apr 2021 00:17  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

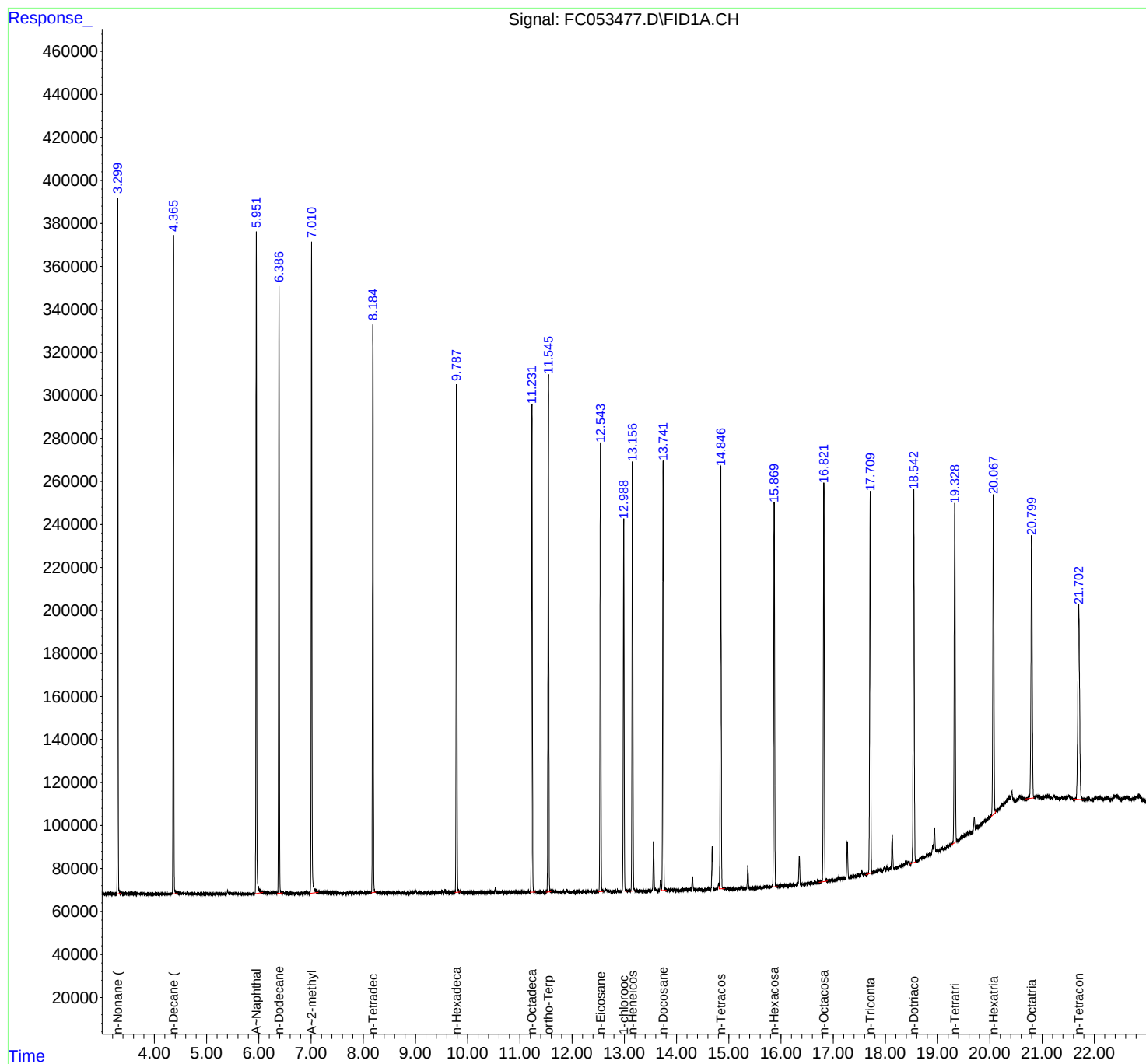
Instrument :  
FID\_C  
ClientSampled :  
20 PPM ALIPHATIC HC STD

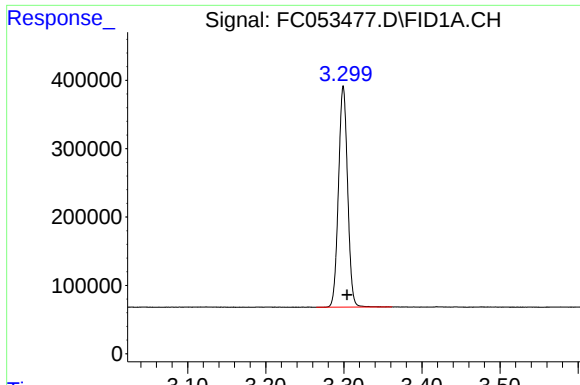
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Integration File: sample.E  
Quant Time: Apr 29 01:55:14 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 042021.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 21 11:02:12 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





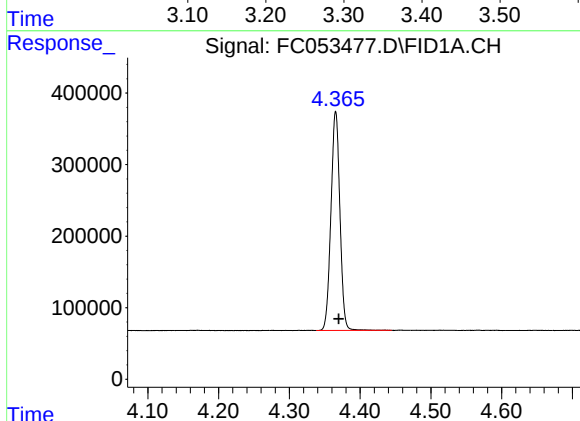
#1 n-Nonane (C9)

R.T.: 3.299 min  
Delta R.T.: -0.005 min  
Response: 2626399  
Conc: 22.64 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

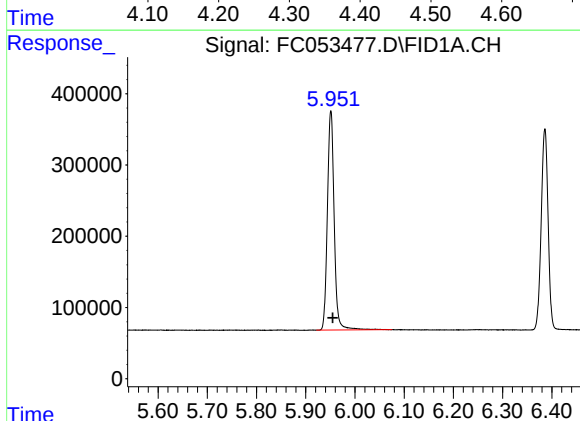
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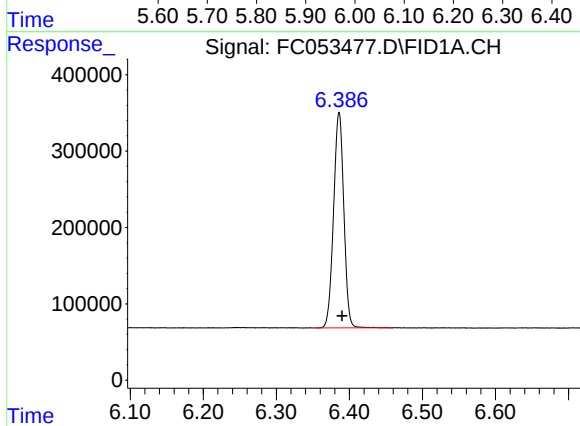
#2 n-Decane (C10)

R.T.: 4.365 min  
Delta R.T.: -0.005 min  
Response: 2694940  
Conc: 23.03 ug/ml



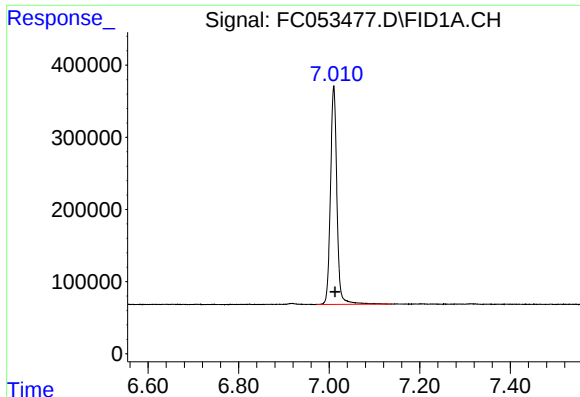
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min  
Delta R.T.: -0.004 min  
Response: 2957747  
Conc: 22.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.386 min  
Delta R.T.: -0.004 min  
Response: 2749699  
Conc: 23.04 ug/ml



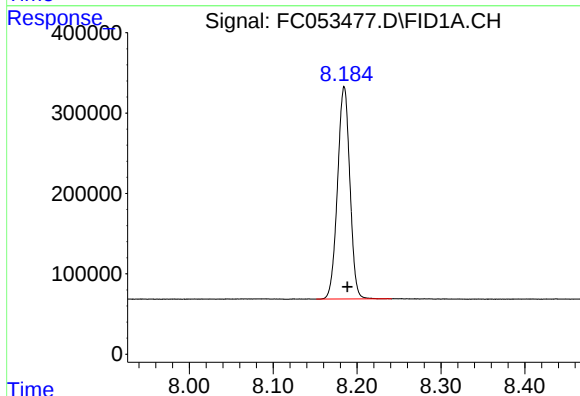
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.010 min  
Delta R.T.: -0.003 min  
Response: 2992747  
Conc: 22.64 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

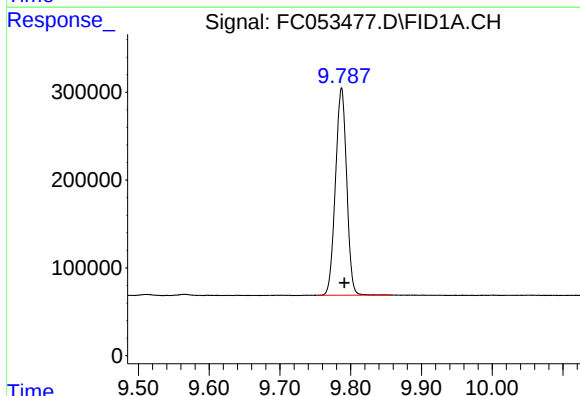
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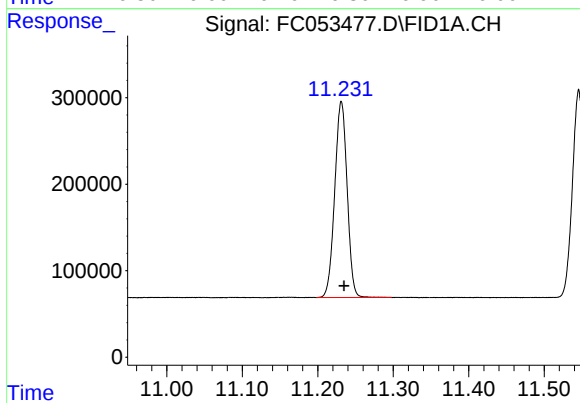
#6 n-Tetradecane (C14)

R.T.: 8.185 min  
Delta R.T.: -0.004 min  
Response: 2702218  
Conc: 22.20 ug/ml



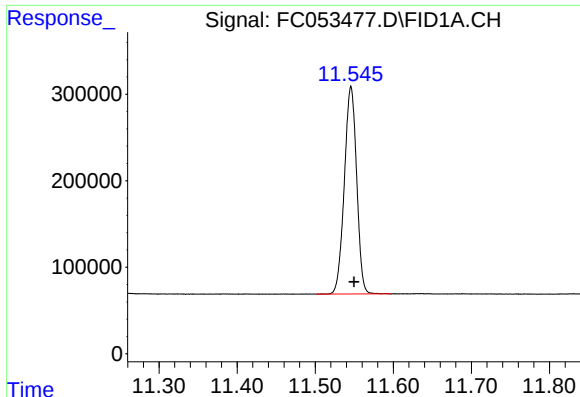
#7 n-Hexadecane (C16)

R.T.: 9.787 min  
Delta R.T.: -0.004 min  
Response: 2597530  
Conc: 21.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.231 min  
Delta R.T.: -0.004 min  
Response: 2589932  
Conc: 20.44 ug/ml



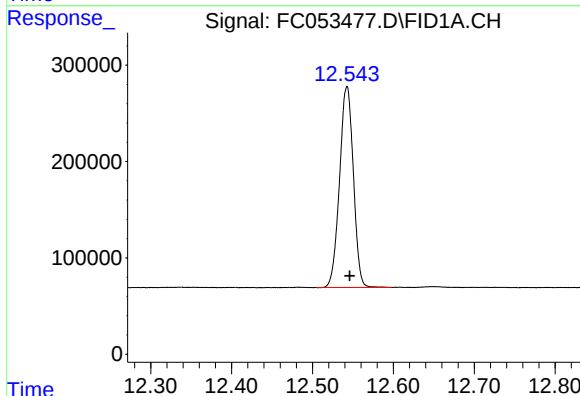
#9 ortho-Terphenyl (SURR)

R.T.: 11.546 min  
Delta R.T.: -0.004 min  
Response: 2627817  
Conc: 18.99 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

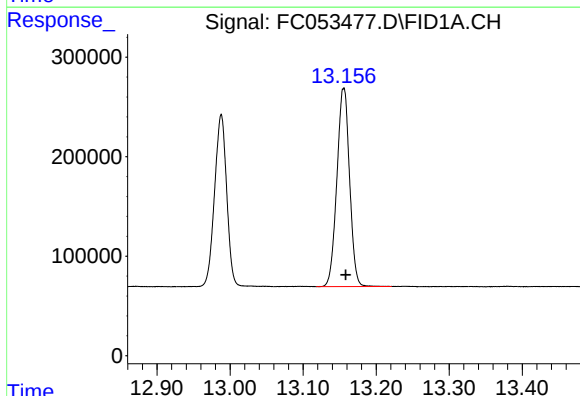
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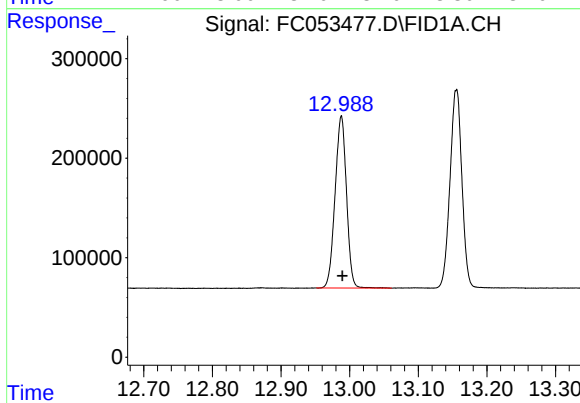
#10 n-Eicosane (C20)

R.T.: 12.543 min  
Delta R.T.: -0.004 min  
Response: 2479088  
Conc: 19.33 ug/ml



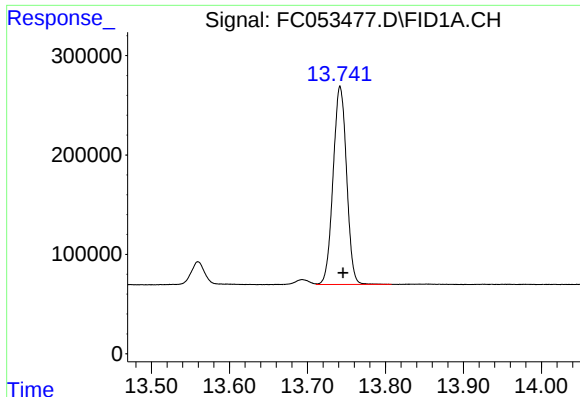
#11 n-Heneicosane (C21)

R.T.: 13.155 min  
Delta R.T.: -0.003 min  
Response: 2402722  
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.988 min  
Delta R.T.: -0.002 min  
Response: 1998668  
Conc: 18.47 ug/ml



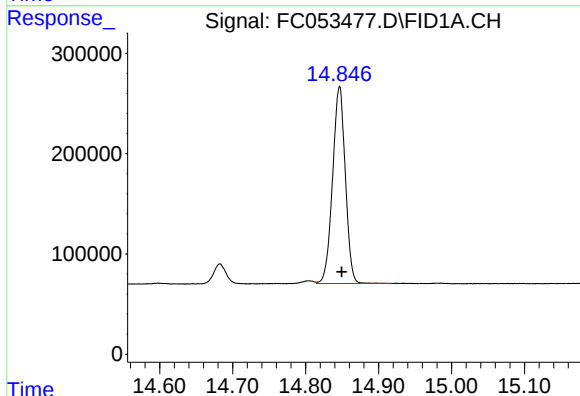
#13 n-Docosane (C22)

R.T.: 13.742 min  
Delta R.T.: -0.004 min  
Response: 2391741  
Conc: 18.56 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

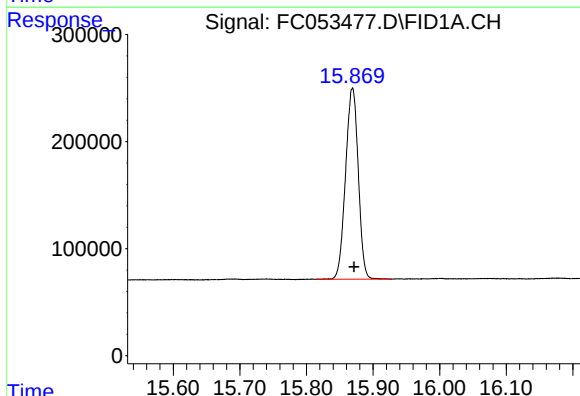
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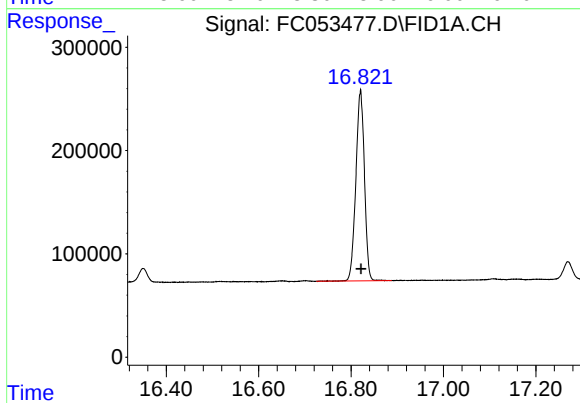
#14 n-Tetracosane (C24)

R.T.: 14.846 min  
Delta R.T.: -0.003 min  
Response: 2382589  
Conc: 18.45 ug/ml



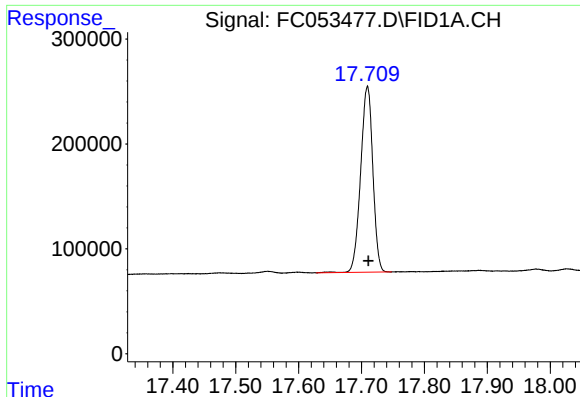
#15 n-Hexacosane (C26)

R.T.: 15.869 min  
Delta R.T.: -0.002 min  
Response: 2366511  
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.820 min  
Delta R.T.: -0.002 min  
Response: 2374447  
Conc: 18.33 ug/ml



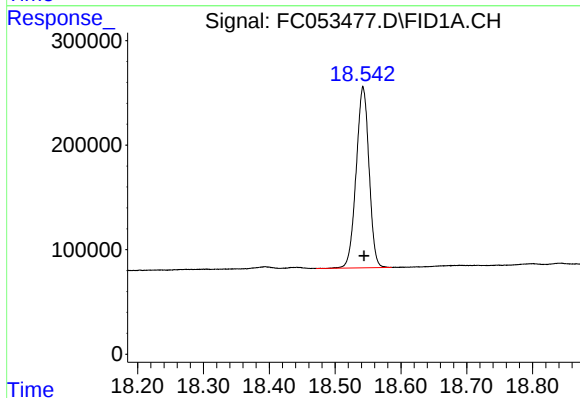
#17 n-Tricontane (C30)

R.T.: 17.709 min  
Delta R.T.: -0.001 min  
Response: 2389449  
Conc: 17.74 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

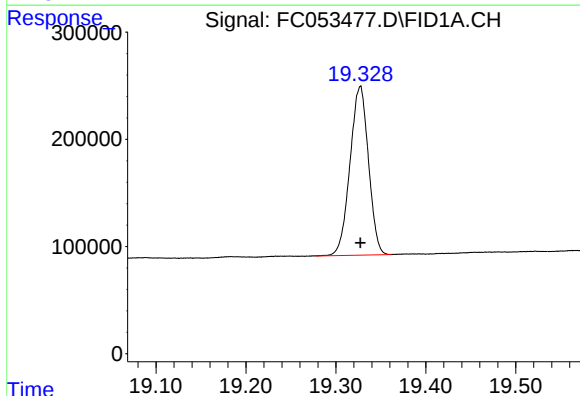
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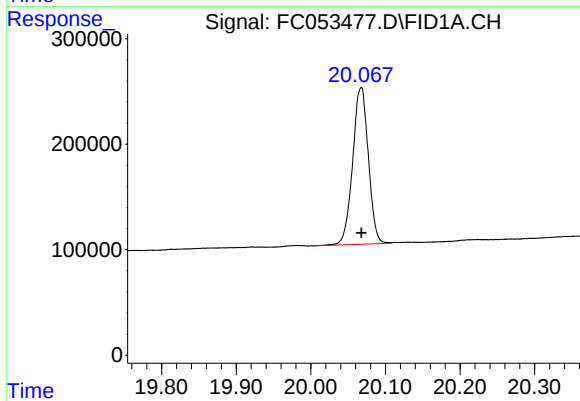
#18 n-Dotriacontane (C32)

R.T.: 18.543 min  
Delta R.T.: -0.001 min  
Response: 2344742  
Conc: 17.10 ug/ml



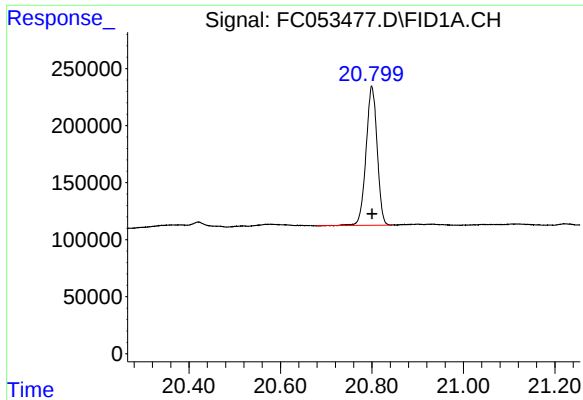
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min  
Delta R.T.: 0.000 min  
Response: 2248115  
Conc: 17.23 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.067 min  
Delta R.T.: 0.000 min  
Response: 2175031  
Conc: 17.96 ug/ml m



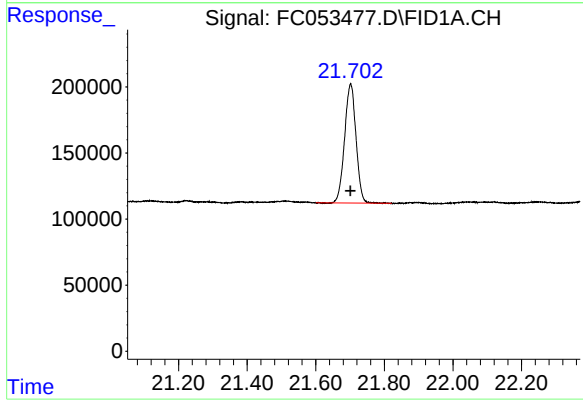
#21 n-Octatriacontane (C38)

R.T.: 20.800 min  
Delta R.T.: 0.000 min  
Response: 2048575  
Conc: 19.44 ug/ml

Instrument :  
FID\_C  
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#22 n-Tetracontane (C40)

R.T.: 21.702 min  
Delta R.T.: 0.000 min  
Response: 2086272  
Conc: 19.93 ug/ml